



IFW

Docket No.: 8736.138.00  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
CORL, Mark T.

Customer No.: 30827

Application No.: 09/835,559

Confirmation No.: 5910

Filed: April 17, 2001

Art Unit: 2623

For: INFORMATIN DESCRIPTOR AND  
EXTENDED INFORMATION DESCRIPTOR  
DATA STRUCTURES FOR DIGITAL  
TELEVISION SIGNALS

Examiner: HUYNH, S.P.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUBMISSION OF STATEMENT OF ASSIGNEE UNDER 37 CFR 3.73(b) AND  
REVOCATION AND NEW POWER OF ATTORNEY**

Dear Sir:

Applicants respectfully submit:

- Statement of Assignee Under 37 CFR 3.73(b) for Revocation of Power of Attorney; and
- Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: May 7, 2007

Respectfully submitted,

By

  
Mark R. Kresloff

Registration No.: 42,766

MCKENNA LONG & ALDRIDGE LLP

1900 K Street, N.W.

Washington, DC 20006

(202) 496-7500

Attorneys for Applicant



<b>REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS</b>	Application Number	09/835,559
	Filing Date	April 17, 2001
	First Named Inventor	CORL, Mark T.
	Art Unit	2623
	Examiner Name	HUYNH, S.P.
	Attorney Docket Number	8763.138.00

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

☒ Please change the correspondence address for the above-identified application to:

☐ The address associated with  
Customer Number:

OR

☒ Firm or Individual Name **MCKENNA LONG & ALDRIDGE LLP**  
**Song K. Jung, Reg. No. 35,210**

Address **1900 K Street, N.W.**

City **Washington**

Country **US** State **DC** Zip **20006**

Telephone **(202) 496-7500** Fax **(202) 496-7756**

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Name **LG Electronics, Inc.**

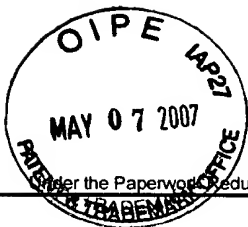
Signature *[Signature]*

Date *Apr. 25, 2007*

Telephone *+82-2-2102-1695*

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of *1* forms are submitted.



MAY 07 2007

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/96 (08-03)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: LG ELECTRONICS INC.

Application No./Patent No.: 09/835,559

Filed/Issue Date: April 17, 2001

Entitled: INFORMATION DESCRIPTOR AND EXTENDED INFORMATION DESCRIPTOR DATA  
STRUCTURES FOR DIGITAL TELEVISION SIGNALS

LG Electronics, Inc., a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Mark T. Corl To: Triveni Digital, Inc.  
The document was recorded in the United States Patent and Trademark Office at  
Reel 011739, Frame 0561, or for which a copy thereof is attached.

2. From: Triveni Digital, Inc. To: LG Electronics Inc.  
The document was recorded in the United States Patent and Trademark Office at  
Reel 014330, Frame 0216, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Apr. 25, 2007  
Date

Dong-Han Kwak  
Typed or printed name

482-2-2102-1675  
Telephone Number

Kwak  
Signature  
Manager  
Title



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 13, 2004

PTAS

BIRCH, STEWART, KOLASCH & BIRCH, LLP  
JOSEPH A. KOLASCH  
P.O. BOX 747  
FALLS CHURCH, VIRGINIA 22040-0747



\*102514834A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/30/2003

REEL/FRAME: 014330/0216  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

TRIVENI DIGITAL, INC.

DOC DATE: 07/29/2003

ASSIGNEE:

LG ELECTRONICS, INC.  
20, YOIDO-DONG, YOUNGPO-GU  
SEOUL, REPUBLIC OF KOREA

SERIAL NUMBER: 09835559  
PATENT NUMBER:

FILING DATE: 04/17/2001  
ISSUE DATE:

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

08-04-2003

Atty. Docket No.: 0563-0252P  
Page 1 of 1

## ION FORM COVER SHEET

102514834

the U.S. Patent and Trademark Office:  
Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Triveni Digital, Inc.

Additional name(s) of conveying party(ies) attached

☐ YES ☒ NO

## 2. Name and address of receiving party(ies)

Name: LG ELECTRONICS, INC.

Internal Address:

Street Address: 20, Yoido-dong, Youngdungpo-gu,

City: Seoul

State:

ZIP:

Country: Korea

Postal Code:

Additional name(s) & address(es) attached? ☐ YES ☒ NO

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:

Execution Date: July 29, 2003

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

09/835,559

B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ NO

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: BIRCH, STEWART, KOLASCH &amp; BIRCH, LLP

Street Address: P.O. BOX 747

City: FALLS CHURCH State: VA ZIP: 22040-0747

Country: USA

## 6. Total No. of applications/patents involved: One (1)

## 7. Total fee (37 C.F.R. § 3.41): \$40.00

☒ Enclosed☒ Authorized to be charged to deposit account,  
if no fee attached.

## 8. Deposit account number: 02-2448

(Attach triplicate copy of this page  
if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

Joseph A. Kolasch, #22,463  
Name of Person Signing/Reg. No.

Signature

July 30, 2003  
Date

Total number of pages including cover sheet, attachments, and document: Five (5)

JAK/clb

((Rev. 04/30/03))

08/01/2003 6TON11 00000120 09835559

01 FC:8021

40.00 OP

**ASSIGNMENT**

WHEREAS, Triveni Digital, Inc., a corporation organized and existing under and by virtue of the laws of New Jersey, having an office at 40 Washington Road, Princeton, New Jersey 08550, is the owner by previous assignment, dated April 17, 2001, of the entire undivided right, title and interest of Mark T. CORL, in and to an invention for new and useful improvements in or relating to EXTENDED INFORMATION DESCRIPTOR for which an application for Letters Patent in the United States was executed on April 17, 2001 and assigned Application Number 09/835,559, and is the owner of an undivided right, title and interest in and to said application by said previous assignment;

WHEREAS, LG ELECTRONICS, INC., a corporation organized and existing under and by virtue of the laws of Korea, having an office at 20, Yoido-dong, Youngdungpo-gu, Seoul, Korea, is desirous of acquiring the entire right, title and interest in and to the said application and the invention therein described and claimed and any Letters Patent that may be issued upon said application or for the improvements therein contained;

NOW THEREFORE, for and in consideration of the sum of Ten Dollars (\$10.00) lawful money of the United States and other valuable considerations, including assumption of any expenses incurred by Triveni Digital, Inc. in application of said invention, to me in hand paid, the receipt of and sufficiency whereof are hereby acknowledged, the said Triveni Digital, Inc.,

has sold, assigned and transferred and does hereby sell, assign and transfer unto the said LG ELECTRONICS, INC., its successors and assigns, its entire undivided right, title and interest in and to the said application and the invention therein contained, including all rights of action and damages for past infringement, and including the right to apply for any Letters Patent in the United States of America and in all foreign countries on said invention and including the right to claim the priority of the date of filing in the United States and any Letters Patent that may issue thereon, or therefor, in the United States and foreign countries and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which said Letters Patent may be issued, to be held and enjoyed by the said LG ELECTRONICS, INC., its successors and assigns the same as it would have been held and enjoyed by Triveni Digital, Inc., if this assignment and sale had not been made.

AND, Triveni Digital, Inc., hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all such Letters Patents to the said LG ELECTRONICS, INC., in accordance with this instrument of assignment.

Triveni Digital, Inc., hereby represents and warrants that there are no rights or interests outstanding inconsistent with the rights and interests granted herein and that Triveni Digital, Inc., will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and Triveni Digital, Inc., binds itself and its heirs, executors, administrators,



employees and legal representatives, as the case may be, to execute and deliver to the said LG ELECTRONICS, INC., its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the said LG ELECTRONICS, INC., its successors and assigns to file applications for the said improvements and invention in any country where it may elect to file such applications, and that may be necessary to vest in the said LG ELECTRONICS, INC., its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States and foreign countries where such application or applications may be filed.

AND, Triveni Digital, Inc., further covenants and agrees, in consideration of the premises, that it, its executors and administrators will, at any time upon request, communicate to the said LG ELECTRONICS, INC., its successors and assigns, any facts relating to the said invention and improvements and the history thereof, known to it or its successors and assigns, and that it will testify as to the same in any interference or other proceeding when requested to do so by the said LG ELECTRONICS, INC., its successors and assigns.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, Triveni Digital, Inc., have hereunto  
set my hands and seal this 29<sup>th</sup> day of July, 2003.

Triveni Digital, Inc.,

By: Mark Fingiro

Title: President & CEO



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 13, 2001

PTAS

BIRCH, STEWART, KOLASCH ET AL.  
THOMAS S. AUCHTERLONIE  
P.O. BOX 747  
FALLS CHURCH, VA 22040-0747



\*101699111A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/17/2001

REEL/FRAME: 011739/0561

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CORL, MARK T.

DOC DATE: 04/17/2001

ASSIGNEE:

TRIVENI DIGITAL, INC.  
40 WASHINGTON ROAD  
PRINCETON JUNCTION, NEW JERSEY

08550

SERIAL NUMBER: 09835559  
PATENT NUMBER:

FILING DATE: 04/17/2001  
ISSUE DATE:

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

# BIRCH, STEWART, KOLASCH & BIRCH, LLP.

UNITED STATES PATENT RIGHTS, OR  
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

## ASSIGNMENT

Application No. New Filed April 17, 2001

Insert Name(s)  
of Inventor(s)

WHEREAS, Mark T. CORL

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

Insert Title  
of Invention

INFORMATION DESCRIPTOR AND EXTENDED INFORMATION DESCRIPTOR DATA STRUCTURES  
FOR DIGITAL TELEVISION SIGNALS

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date  
of Signing of  
Application

on April 17, 2001; and

Insert Name  
of Assignee

WHEREAS, TRIVENI DIGITAL, INC.

Insert Address  
of Assignee

of 40 Washington Road, Princeton Junction, NJ 08550

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

CHECK BOX  
IF APPROPRIATE

☐ in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 4/17/2001

Name of Inventor Mark T. CORL  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_  
(signature)

**MARY JOYCE PATRICK**  
**NOTARY PUBLIC OF NEW JERSEY**  
**Commission Expires 1/3/2005**

Sworn to and subscribed  
before me this  
17 day of Apr, 2001

*Mary Joyce Patrick*

05-02-2001



Atty. Docket No.: 2916-0129P

Page 1 of 1

101699111

## RECORDATION FORM COVER SHEET

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.

1c903 U.S. PRO  
09/835559  
04/17/01

1. Name of conveying party(ies):

Mark T. CORL

Additional name(s) of conveying party(ies) attached?

☐ YES ☒ NO

2. Name and address of receiving party(ies)

Name: Triveni Digital, Inc.

Internal Address:

Street Address: 40 Washington Road

City: Princeton Junction State: New Jersey ZIP: 08550

Country: USA

Postal Code:

Additional name(s) & address(es) attached? ☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:

Execution Date: April 17, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

April 17, 2001

A. Patent Application No(s).

09/835559

B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: BIRCH, STEWART, KOLASCH &amp; BIRCH, LLP

Street Address: P.O. BOX 747

City: FALLS CHURCH State: VA ZIP: 22040-0747

Country: USA

6. Total No. of applications/patents involved: one (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

☒ Enclosed☒ Authorized to be charged to deposit account, if no fee attached.

8. Deposit account number: 02-2448

(Attach triplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Thomas S. Auchterlonie, #37,275

Name of Person Signing/Reg. No.

Signature

4-17-2001

Date

Total number of pages including cover sheet, attachments, and document: three (3)

04/30/2001 DBYRNE 00000009 022448 09835559

01 FC:581

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(Rev. 01/11/01)